Project Name/Location:					Contract Number: W9127N-05-C-0012				
Columbia River Channel Improvement - RM 10+00 to 11+10, Flavel									
				John Cannon contacted at 08:30.					
Dredging	Sample Point		Time	X Coordinate	Y Coordinate	Turbidity (NTU)	DO (Mg/L)		
Load Number	DR-1	20.1	8:22:37	7337338.75	938193.28	1.7			
492	DR-2	18.9	8:24:53	7337138.40	938451.19	5.7	8.1		
<u>Tidal Stage</u>	DR-2R1	18.6	8:24:56	7337134.70	938463.51	8.6	8.1		
Ebb	DR-4	20.0	8:26:20	7336382.88	938769.10	2.6			
Dredge State:	DR-3	20.2	8:28:53	7337473.02	937871.24	6.4			
Overflow through									
skimmers and box									
Weather:									
Clear									
Wind:									
0-5 kts									
Seas:									
0-1'									
Disposal location									
Columbia River DWS									
Remarks: Action Taken:									
Test DR-2 exceeded 10% over background, taken in the plume. Re-test DR-2R1 was taken.									
Test DR-4 taken in the									
Test DR-3 taken on stbd side, not in plume.				Dredge moved away	Dredge moved away from the area while continuing dredging.				
					_				
Sample Point Key	All Tests Conducted With YSI 6600					Turbidity Compliance	DO Compliance		
DR-1	Background - 100' Up Current, Within 600-Foot of Channel								
DR-2	100' Down Current					OR	OR, WA		
DR-3	300' Radially from point of dredge (Port or Starboard)					WA	Not Required		
DR-4	900' Down Current from point of dredging					WA	Not Required		
Rx	Indicates a Re-	Test where (x)	is the Re-Te	est number for that par	ticular point				

Project Name/Location:				Contract Number: W9127N-05-C-0012					
Columbia River Channel Improvement - RM 10+00 to 11+10, Flavel									
Date: 07/12/2005				John Cannon contacted at 13:00. He called back later per his request.					
Dredging Dredging	Sample Point	Depth (ft)	Time	X Coordinate	Y Coordinate	Turbidity (NTU)	DO (Mg/L)		
Load Number	DR-1	19.5	12:44:15	7338078.58	937803.06	2.6	50 (mg/2)		
493	DR-2	18.8	12:46:14	7337571.86	938110.42	28.9	8.0		
Tidal Stage	DR-2R1	19.4	12:46:17	7337563.68	938116.84	29.3	8.0		
Ebb	DR-4	20.4	12:47:18	7337133.01	938323.66	17.1			
Dredge State:	DR-4R1	20.3	12:47:22	7337124.83	938330.09	15.2			
Overflow through	DR-3	20.2	12:50:29	7338630.51	938065.68	8.6			
skimmers and box	DR-3R1	20.8	12:50:32	7338626.55	938071.93	7.3			
Weather:									
Clear									
<u>Wind:</u>									
0-5 kts									
<u>Seas:</u>									
0-1'									
<u>Disposal location</u>									
Columbia River DWS									
Remarks: Action Taken:									
Test DR-2 exceeded 10				Re-test DR-2R1 was					
Test DR-4 exceeded 5 NTU over background, taken in the plume.				Re-test DR-4R1 was					
	Test DR-3 exceeded 5 NTU over background, taken on port side,				Re-test DR-3R1 was taken.				
not in plume.				Dredge moved away from the area while continuing dredging.					
Sample Point Key	All Tests Cond	uctod With V	SI SEOO			Turbidity Compliance	DO Compliance		
DR-1				Foot of Channel		rurbidity Compliance	DO Compliance		
DR-1 DR-2	100' Down Curr		i, vviiiiii 600-	TOUL OF CHAIITE		OR	OR, WA		
DR-2 DR-3	300' Radially from point of dredge (Port or Starboard)					WA	Not Required		
DR-3	900' Down Current from point of dredging					WA	Not Required		
DIV T	1900 Down Current from Point of dreaging						110t required		
Rx	Rx Indicates a Re-Test where (x) is the Re-Test number for that particular point								
11/4	mulcales a IVE-	i cat wriere (x)	13 116 176-16	Stridinger for that par	liculai poirit				

Project Name/Location:	umber: W9127N-05-C-0012								
Columbia River Channel Improvement - RM 10+00 to 11+10, Flavel									
Date: 07/12/2005				John Cannon contacted at 17:15.					
Dredging	Sample Point	Depth (ft)	Time	X Coordinate	Y Coordinate	Turbidity (NTU)	DO (Mg/L)		
Load Number	DR-1	18.4	16:33:13	7340772.50	938662.79	2.3			
494	DR-2	19.2	16:35:14	7341116.67	938307.60	9.4	8.2		
Tidal Stage	DR-2R1	19.6	16:35:17	7341124.85	938301.18	10.1	8.2		
Flood	DR-4	21.8	16:39:36	7341453.44	938177.84	13.5			
Dredge State:	DR-4R1	21.6	16:39:39	7341453.44	938177.84	13.3			
Overflow through	DR-3	22.1	16:41:50	7340074.17	938734.81	11.1			
skimmers only	DR-3R1	21.7	16:41:53	7340074.17	938734.81	9.0			
Weather:									
Partly Cloudy									
Wind:									
0-5 kts									
Seas:									
0-1'									
Disposal location									
Columbia River DWS									
Remarks:				Action Taken:					
Test DR-2 exceeded 10)% over backgrou	nd, taken in th	ne plume.	Re-test DR-2R1 wa	s taken.				
Test DR-4 exceeded 5	NTU over backgro	ound, taken in	the plume.	Re-test DR-4R1 was taken.					
Test DR-3 exceeded 5	NTU over backgro	ound, taken o	n stbd side,	Re-test DR-3R1 was taken.					
not in plume.				Dredge moved away from the area while continuing dredging.					
Delay in testing between points DR-2 and DR-4 due to ship traffic.					_				
Sample Point Key	Sample Point Key All Tests Conducted With YSI 6600					Turbidity Compliance	DO Compliance		
DR-1	Background - 100' Up Current, Within 600-Foot of Channel								
DR-2	100' Down Curre	ent				OR	OR, WA		
DR-3	300' Radially fro	m point of dre	edge (Port or	Starboard)	_	WA	Not Required		
DR-4	900' Down Current from point of dredging					WA	Not Required		

Indicates a Re-Test where (x) is the Re-Test number for that particular point

Rx

Date: 07/12/2		l Improv	<u>ement</u> -	RM 10+00 to 11-	-10, Flavel							
Date: 07/12/2	2005	<u> </u>	OTTIOTIC	7(11) 10100 to 111	10, Have							
				Columbia River Channel Improvement - RM 10+00 to 11+10, Flavel								
Dredging S	Sample Point	Date: 07/12/2005				John Cannon contacted at 21:00.						
		Depth (ft)	Time	X Coordinate	Y Coordinate	Turbidity (NTU)	DO (Mg/L)					
)R-1	17.1	20:42:31	7337075.50	938362.59	1.5						
495 D)R-2	19.7	20:44:02	7336899.95	938607.29	6.6	7.9					
Tidal Stage	R-2R1	19.5	20:44:05	7336900.20	938613.36	7.4	8.1					
Flood)R-4	19.1	20:47:55	7336177.09	938698.73	12.7						
Dredge State: D	R-4R1	19.1	20:47:59	7336172.88	938698.91	9.5						
Overflow through D)R-3	17.6	20:49:59	7337249.22	937874.62	9.3						
skimmers only D	R-3R1	17.6	20:50:02	7337253.44	937874.45	7.5						
Weather:												
Partly Cloudy												
Wind:												
0-5 kts												
Seas:												
0-1'												
Disposal location												
Columbia River DWS												
Remarks:												
Test DR-2 exceeded 10% over background, taken in the plume. Re-test DR-2R1 was taken.												
Test DR-4 exceeded 5 NT	TU over backgro	ound, taken ir	the plume.	Re-test DR-4R1 was	s taken.							
Test DR-3 exceeded 5 NTU over background, taken on stbd side,				Re-test DR-3R1 was	s taken.							
not in plume.				Dredge moved away from the area while continuing dredging.								
Sample Point Key A	All Tests Conducted With YSI 6600					Turbidity Compliance	DO Compliance					
DR-1 B	Background - 100' Up Current, Within 600-Foot of Channel											
	100' Down Current					OR	OR, WA					
	300' Radially from point of dredge (Port or Starboard)					WA	Not Required					
DR-4 90	900' Down Current from point of dredging					WA	Not Required					
Rx In	ndicates a Re-T	est where (x)	is the Re-Te	st number for that par	rticular point							